

**NOTICE OF INTENT TO ISSUE “PERMIT TO CONSTRUCT”  
PURSUANT TO AQMD RULE 212 AND  
PROPOSED REVISION TO TITLE V PERMIT**

This notice is to inform you that the South Coast Air Quality Management District (AQMD) has received applications from Chevron Products Company for construction of new equipment and change of permit conditions for existing equipment at their petroleum refining facility in the City of El Segundo. The AQMD is the air pollution control agency for the four county-region including all of Orange County and non-desert portions of Los Angeles, Riverside and San Bernardino counties. Anyone wishing to install or modify equipment that could release or control air pollution within this region must first obtain a permit from the AQMD. Rule 212 requires the applicant for certain projects to distribute a public notice prepared by the AQMD prior to the issuance of a permit. This notice is being issued because the maximum potential emissions for the project exceed levels specified in Rule 212(g). Rule 3006 also requires publication of a public notice prior to the issuance of a significant revision to their Title V permit.

The AQMD has evaluated the permit applications for the following equipment and determined that the equipment will meet all applicable air quality Rules and Regulations.

**APPLICANT:** Chevron Products Company, El Segundo Refinery

**PROJECT LOCATION:** 324 W El Segundo Blvd.  
El Segundo, CA 90245  
Facility ID No: 800030

**PROJECT DESCRIPTION:** Construct a cogeneration unit; and revise permit conditions for three existing cogeneration units and a boiler as described below.

Application No.	Equipment	Application(s) for
405276 410837	Cogeneration Train C Cogeneration Train C Air Pollution Control System (APCS)	Change of permit conditions including the addition of averaging periods to existing emission limits.
470782 470783	Cogeneration Train D Cogeneration Train D APCS	New construction of a 46-megawatt cogeneration unit, consisting of a combustion turbine, a duct burner, a steam generator and the air pollution control system.
474709 474711 474712	Cogeneration Train A Cogeneration Train B Auxiliary Boiler	Change of condition applications for formation of a combined PM10 emission limit including the proposed Cogeneration Train D.
512926 512927	Cogeneration Train A APCS Cogeneration Train B APCS	Replacement of the SCR catalyst with a new catalyst type and change of permit conditions.

Chevron Products Company operates a petroleum refinery at the above location to produce gasoline, diesel, and other products. The Cogeneration Train D is being constructed as part of Chevron’s Product Reliability and Optimization (PRO) Project to increase the reliability, energy efficiency, and capacity of specific existing processing equipment; allow the processing of a wider range of crude oils; and reduce potential atmospheric emissions from some existing pressure relief devices. The first three sets of permits for this project were issued in May 2008, May 2009 and May 2010. The applications listed above have completed the AQMD’s permit review process and are now proposed for issuance of permits. One or more additional public notices will be published at a later date for the remaining part of the PRO Project, as appropriate.

The new cogeneration unit will be equipped with the Best Available Control Technology (BACT) for controlling air pollution. The maximum daily emissions for the new cogeneration unit will not exceed 119 pounds of nitrogen oxides (NOx), 113 pounds of particulate matter (PM10), 26 pounds of sulfur oxides (SOx), 46 pounds of volatile organic compounds (VOC) and 103 pounds of carbon monoxide (CO) during normal

operation. The cogeneration unit will also emit small quantities of some toxic compounds. The AQMD has evaluated the short term (acute) and long term (chronic) health impacts associated with the maximum potential emissions of toxic compounds from the equipment. Using worst case conditions, our evaluation shows that the chronic and acute health risks are both well below our rule's toxic thresholds (below a Hazard Index of 1). According to the state health experts, a hazard index of one or less means that the surrounding community including the most sensitive individuals such as very young children and the elderly will not experience any adverse health impacts due to the toxic nature of these emissions. In addition, the long term cancer risk from these emissions is below the AQMD risk threshold of one in a million.

The AQMD intends to revise the existing Title V permit of this facility to reflect the permits for above listed equipment. As required by Title V of the federal Clean Air Act, the Title V permits include all of the emission limits, applicable requirements and operating conditions imposed on the equipment. The facilities are required to certify compliance with the Title V permits in addition to recordkeeping and mandatory reporting of any deviation from the permit conditions.

The proposed permits and air quality analysis are available for public review at the AQMD's headquarters in Diamond Bar, and at the El Segundo Public Library, 111 West Mariposa Ave., El Segundo, CA 90245. A copy of the draft permit can also be viewed at [www.aqmd.gov/webappl/PublicNotices/Search.aspx](http://www.aqmd.gov/webappl/PublicNotices/Search.aspx) by entering the facility's ID number. Information regarding the facility's compliance history submitted to the AQMD pursuant to Health and Safety Code Section 42336, or otherwise known to the AQMD, based on credible information, is also available for public review at AQMD headquarters.

**Anyone wishing to comment on the proposed issuance of permits should submit their comments in writing no later than October 7, 2010. Written comments should be submitted to:**

South Coast Air Quality Management District  
Engineering and Compliance  
21865 Copley Drive  
Diamond Bar, California 91765-4178  
Attention: Robert Sanford, Air Quality Engineer

If you are concerned primarily about zoning decisions and the process by which this facility has been sited at this location, you should contact your local city or county planning department. For additional information, please contact Mr. Robert Sanford at (909) 396-2660.

The public may request the AQMD to conduct a public hearing on the proposed Title V permit by submitting a Hearing Request Form (Form 500-G) to Mr. Robert Sanford at the above AQMD address. The public hearing request must contain all the information requested on the form in order for the AQMD to determine whether or not the request is valid or a public hearing will be held. The public hearing request forms may be obtained from the AQMD by calling the Title V hotline at (909) 396-3013, or downloading from the internet at <http://www.aqmd.gov/titlev>. **Any request for a public hearing must be submitted to the AQMD no later than September 22, 2010. A copy of the public hearing request must also be sent by first class mail to the facility contact person, Mr. Dennis Leonard, Air Regulatory Supervisor, Chevron Products Company, 324 W El Segundo Blvd., El Segundo, CA 90245 at the same time.**

For your general information, anyone experiencing air quality problems such as dust or odors can telephone in a complaint to the AQMD by calling 1-800-CUT-SMOG (1-800-288-7664).